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APPLICANT : TOAGOSEI CO LTD;

INVENTOR : YONEDA KOTARO;

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TITLE : WATER-BASED COATING COMPOSITION FOR PLASTIC CURABLE WITH ACTINIC RAY

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a water-based coating composition for plastics which is easily curable with radiation of an actinic ray such as ultra violet rays and whose cured film is excellent in wear resistance, water resistance, chemical resistance, adhesive characteristic, and the like.

SOLUTION: This water-based coating composition for plastics curable with the actinic ray comprises a polymer (A) containing maleimide groups and ethylenically unsaturated groups and a compound (B) containing more than two ethylenically unsaturated groups and a content ratio of the component (A) to the component (B) is 5-70 wt.% and 95-30 wt.% based on the total amount of the components (A) and (B).

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